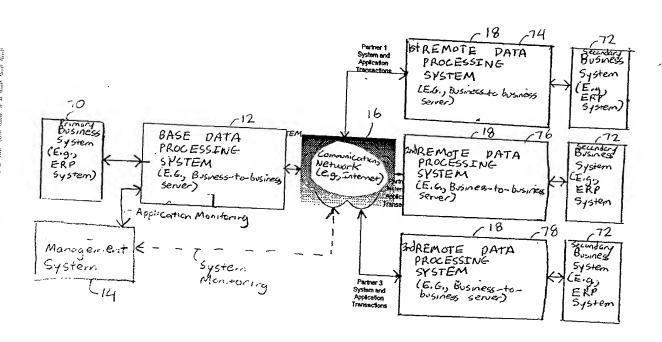
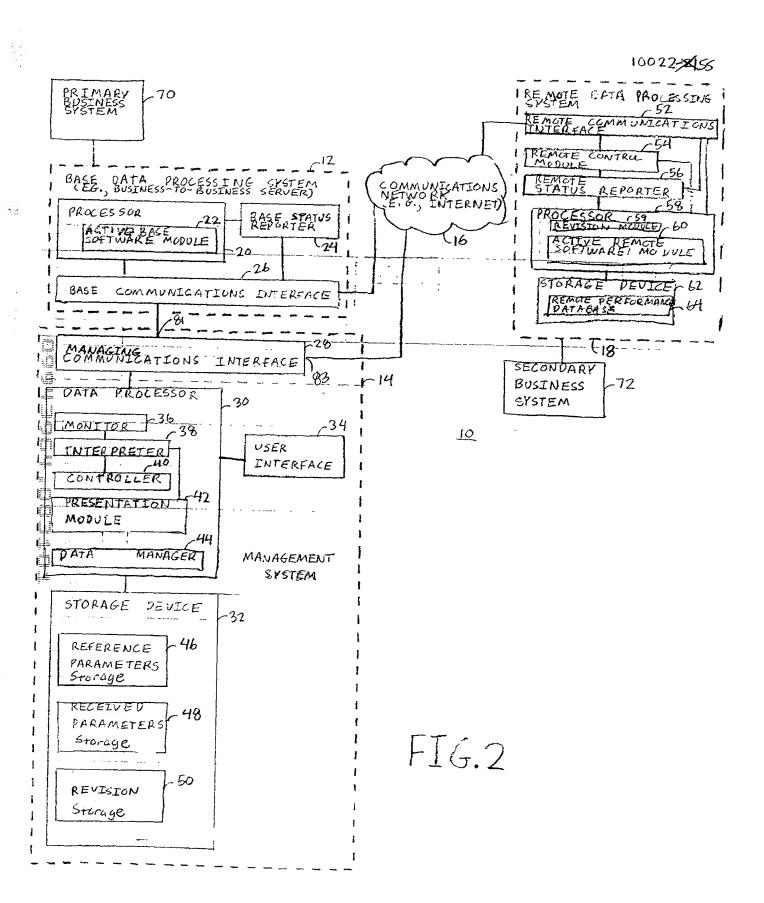
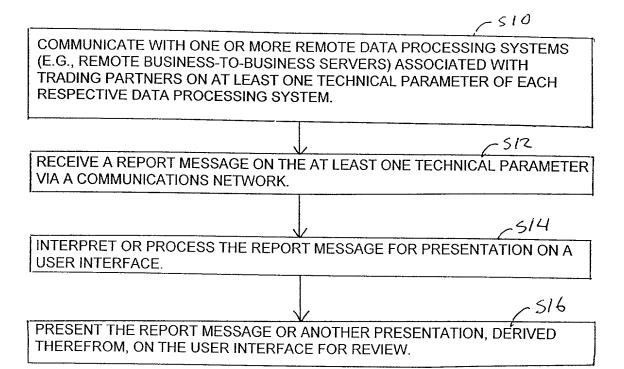
FIG.1

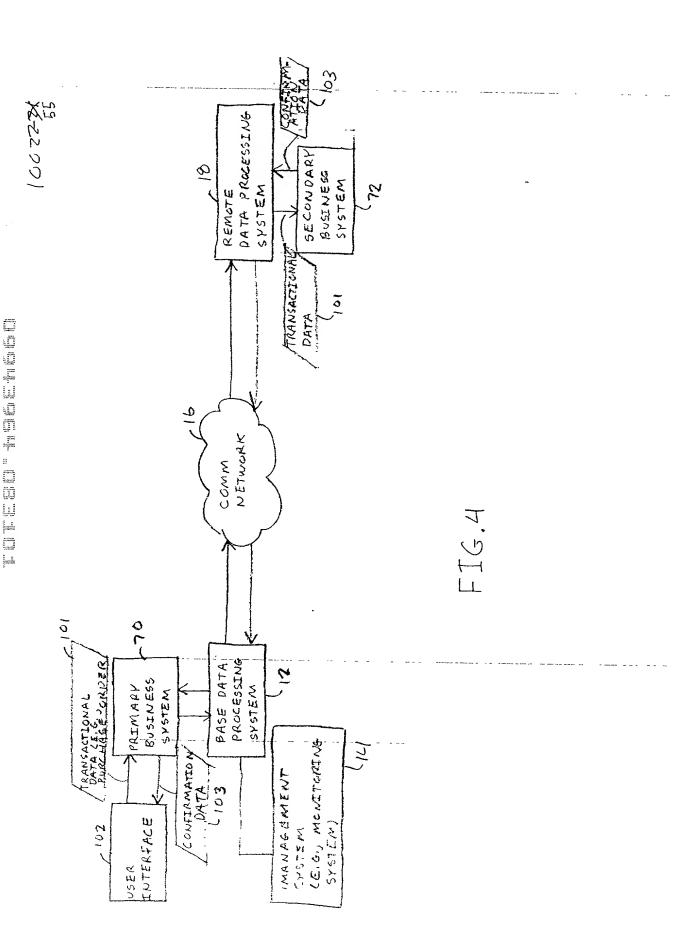




10022-2155

FIG. 3

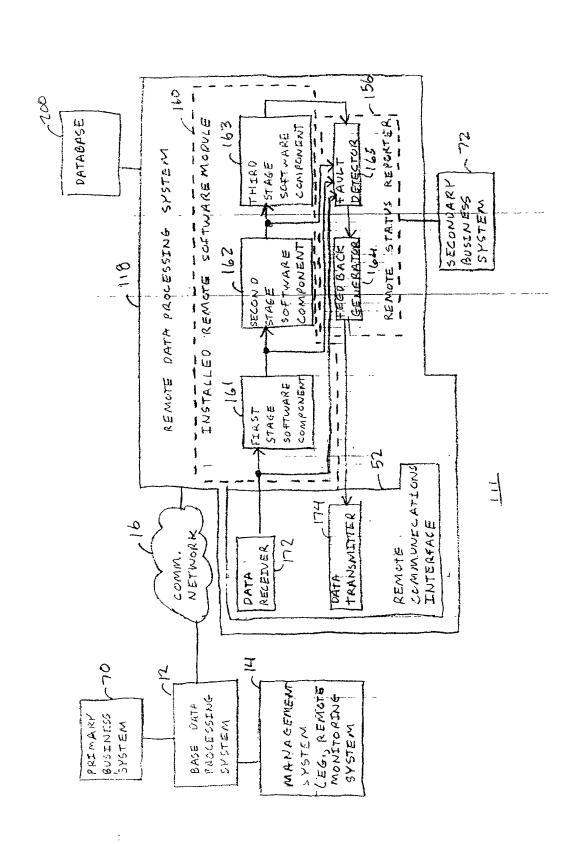




d 3	9	OUTGOING TIME STATUS DATA		M		M COMPLETE		1010101	NO! RECEIVED	
51				1/31/2001, 10:34:00 A		1/31/2001, 11:22:00 AI			6	1/31/2001 10:4E:00 DE
901	TNOOMTHIC	TIME DOTTED	1/34/2004 40:20:00 411	1034:00 AM 1/31/2001, 10:34:00 AM	1/31/2004 11:20:00 01:	1/31/2001, 11:20:00 AM 1/31/2001, 11:22:00 AM		1,002.00 1/31/2001, 1:12:00 PM	4+	1,003.00 1/31/2001, 10:30:00 PM
501	TRANSACTION IDENTIFIER		1 000 00		1 001 00		00000	00.200,1	• •	1,003.00
401	I KADING PARTNER IDENTIFIER		OG FIRST TRADING PARTNER		SECOND TRADING PARTNER		THIRD TRADING PARTNER		12 NTH TRADING PARTNER	V Complete Control of

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Patent Application for: REMOTELY MONITORING A DATA PROCESSING SYSTEM VIA A COMMUNICATIONS NETWORK Inventor: Cornelius et al. Docket No.10022/55

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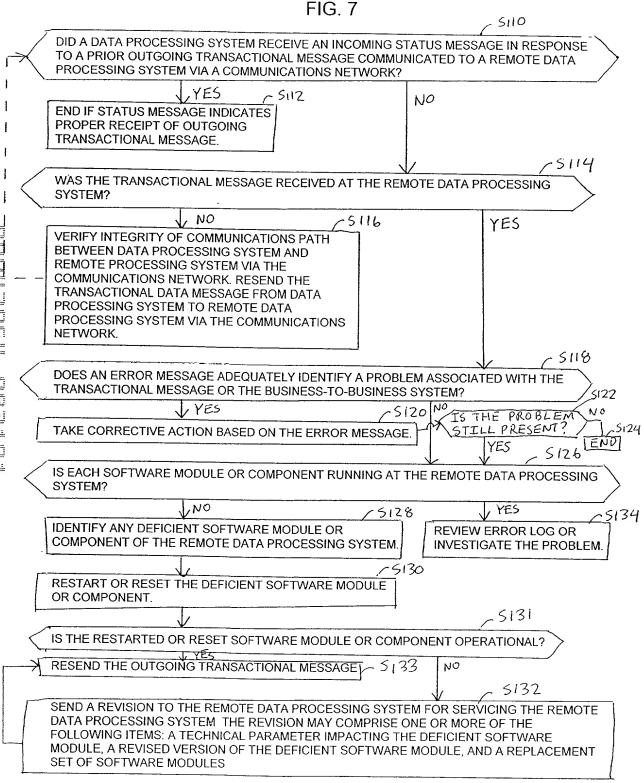
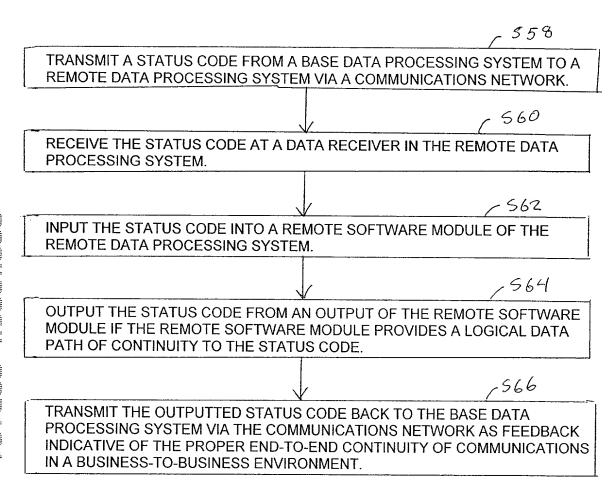


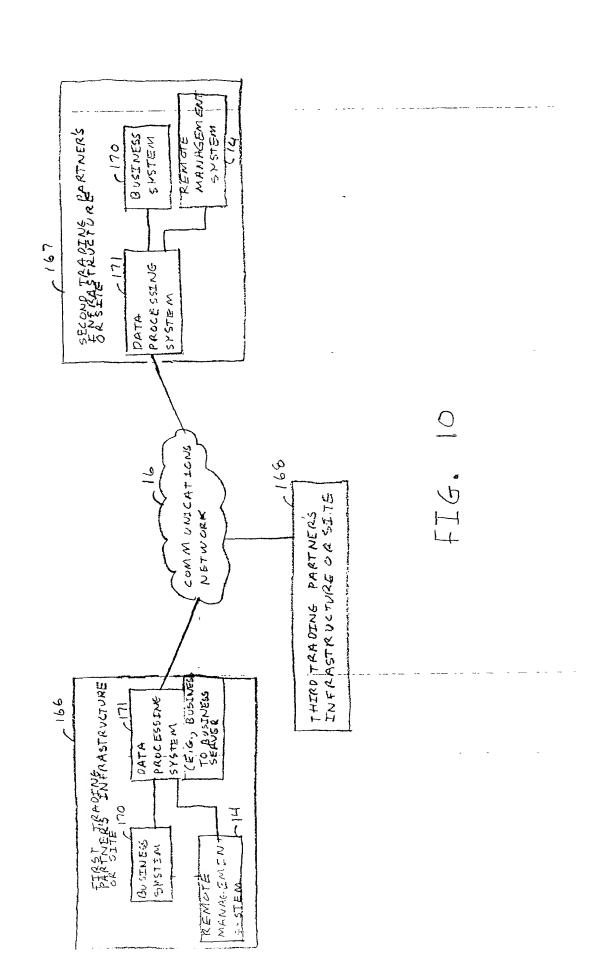
FIG. 8

550 RECEIVE A DATA MESSAGE VIA A COMMUNICATIONS NETWORK. 552 CASCADE AT LEAST A FIRST STAGE SOFTWARE COMPONENT AND A SECOND STAGE SOFTWARE COMPONENT TO FORM AN INSTALLED REMOTE SOFTWARE MODULE FOR ACCEPTING THE RECEIVED DATA MESSAGE. 554 DETECT THE DATA MESSAGE OR A DERIVATIVE AT A GROUP OF LOGICAL NODES WITHIN THE INSTALLED REMOTE SOFTWARE MODULE TO DETERMINE FLOW OF THE DATA MESSAGE, OR A DERIVATIVE THEREOF, BETWEEN THE LOGICAL NODES AND, HENCE, FLOW THROUGH AT LEAST ONE OF THE FIRST STAGE SOFTWARE COMPONENT AND THE SECOND STAGE SOFTWARE COMPONENT. 556 IDENTIFY A DEFICIENT SOFTWARE COMPONENT OF THE INSTALLED REMOTE SOFTWARE MODULE AS ANY OF SAID SOFTWARE STAGE COMPONENTS THAT BLOCKS OR DISRUPTS THE FLOW OF THE DATA MESSAGE BETWEEN TWO ADJACENT NODES.

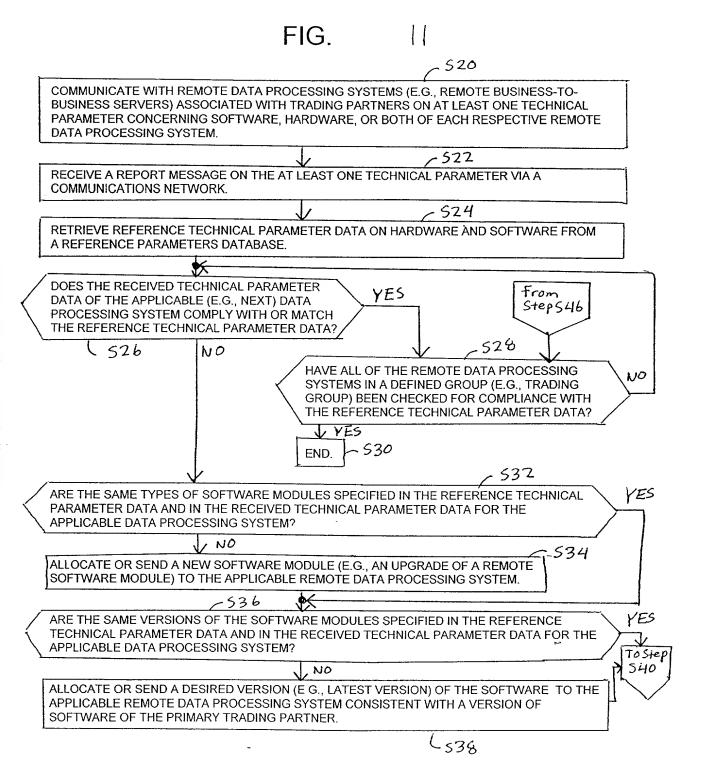
FIG. 9



Patent Application for: REMOTELY MONITORING A DATA PROCESSING SYSTEM VIA A COMMUNICATIONS NETWORK Inventor: Cornelius et al. Docket No.10022/55



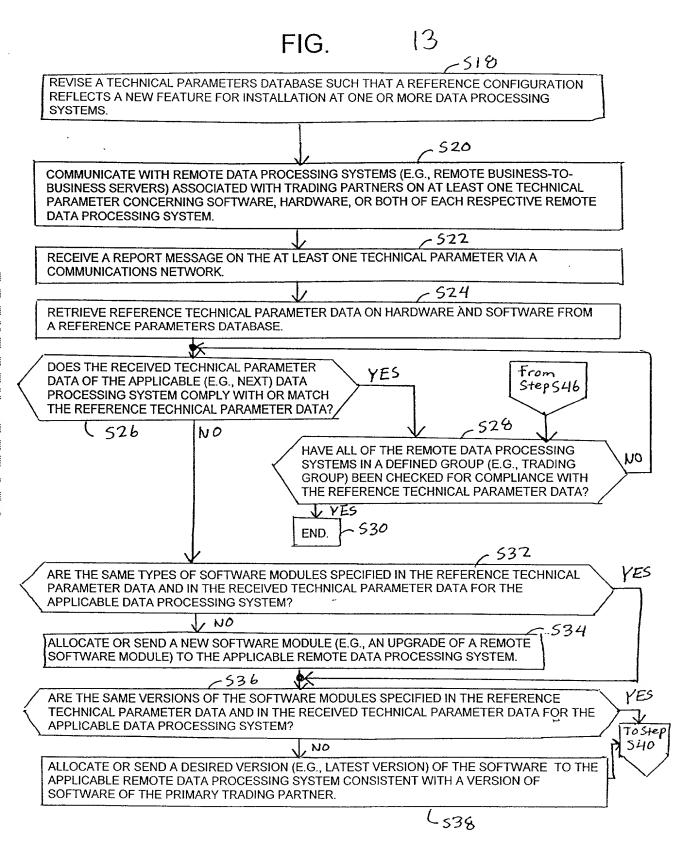
10027-3455



10027-21

From Step 5360r 534 FIG. 12 540 IS A HARDWARE UPGRADE OR ADDITIONAL HARDWARE REQUIRED TO SUPPORT THE NO PLANNED INSTALLATION OF THE NEW SOFTWARE MODULE OR THE DESIRED VERSION? YES 542 GENERATE AN ALERT MESSAGE FOR PRESENTATION ON A USER INTERFACE THAT A HARDWARE UPGRADE MAY BE REQUIRED FOR A REMOTE DATA PROCESSING SYSTEM. WAIT FOR THE REQUISITE HARDWARE UPGRADE TO BE COMPLETED REVISE THE SOFTWARE CONFIGURATION OF THE REMOTE DATA PROCESSING SYSTEM BASED ON THE RECEIPT OR AVAILABILITY OF THE DESIRED VERSION, THE NEW SOFTWARE MODULE, OR BOTH. - S4L CONFIRM REPLACEMENT OR REVISION BY CHECKING OPERATIONAL STATUS OF THE REVISED REMOTE DATA PROCESSING SYSTEM VIA A DIRECT REQUEST THROUGH THE COMMUNICATIONS NETWORK OR INCIDENTAL TO A POLLING PROCEDURE FOR MONITORING OPERATIONAL STATUS. Return to step 528

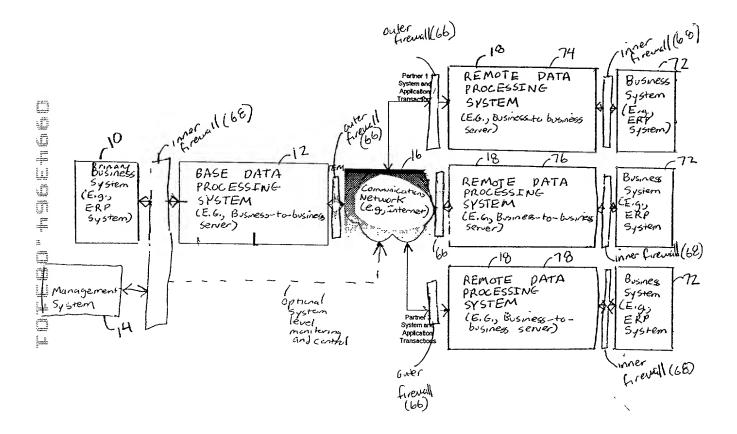
100 22-21



160 22-24

From Step 5360r 338	FIG.	14	
IS A HARDWARE UPGRADE OR AD PLANNED INSTALLATION OF THE	DDITIONAL HARDWARE I NEW SOFTWARE MODU	2540 REQUIRED TO SUPPORT TH FILE OR THE DESIRED VERSION	E NO
GENERATE AN ALERT MESSAGE I HARDWARE UPGRADE MAY BE RE FOR THE REQUISITE HARDWARE	EQUIRED FOR A REMOT	F DATA PROCESSING SYSTE	A EM . WAIT
REVISE THE SOFTWARE CONFIGURES ON THE RECEIPT OR AVAILABLE OR BOTH.	JRATION OF THE REMOTABILITY OF THE DESIRI	TE DATA PROCESSING SYST ED VERSION, THE NEW SOF	TEM S444
CONFIRM REPLACEMENT OR REV REMOTE DATA PROCESSING SYS COMMUNICATIONS NETWORK OR OPERATIONAL STATUS.	LEM VIA A DIRECT REQU	JEST THROUGH THE	REVISED
	Return to step 528		

FIG. 15



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